

CLAIMS:

1. A dielectric ceramic composite characterised by comprising (BaNdSm)TiO₃, ZnO, SiO₂, CuO, Al₂O₃, MgO, B₂O₃, Bi₂O₃ and either BaCO₃ or BaO.
2. A dielectric ceramic composite as claimed in claim 1, characterized in that the total weight of the said ZnO, SiO₂, CuO, Al₂O₃, MgO, B₂O₃, Bi₂O₃ and either BaCO₃ or BaO is about 20% through 30% of the weight of the said (BaNdSm)TiO₃.
3. A dielectric ceramic composite as claimed in claim 2, characterized in that a ratio of the total weight of the said ZnO, SiO₂, CuO, Al₂O₃, MgO, B₂O₃ and either BaCO₃ or BaO with the weight of the said Bi₂O₃ is in a range of 0.67 to 1.50.
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4. A dielectric ceramic composite as claimed in claim 2 or 3, characterized in that the average of the grain sizes of the said SiO₂, CuO and Al₂O₃ is no more than 30 nm.
- 15 5. An electronic device comprising the dielectric ceramic composite according to one of the claims 1-4